



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Group Art Unit 3732
Examiner: E. Robert
Atty. Dkt. P 0277860
M# 200060/JND/DPO/KI
Client Ref.
Appln. Title: Bone implant

Inventor(s): Revell et al.

09

673,139

Series Code ↑

Serial No. ↑

Filed: October 11, 2000

Hon. Commissioner of Patents
Washington, D.C. 20231

Sir:

REPLY/AMENDMENT/LETTER

Date: April 14, 2003

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. Small Entity claim

- A. ☐ NOT made
B. ☐ Withdrawn
C. ☐ made herewith
D. ☒ made previously

For B & C
See **Required**
Separate Paper
(Pat-256)

Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
2. Total Effective Claims	**minus 0	0	x \$18/\$9 =	+ \$0	103/203
3. Independent Claims	***minus 0	0	x \$84/\$42 =	+ \$0	102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application) add			+ \$280/\$140 =	+ \$0	104/204
5. Original due Date: February 23, 2003 <input type="checkbox"/> NONE					
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached		(1 mo) \$110/\$55 = (2 mos) \$410/\$205 = (3 mos) \$930/\$465 = (4 mos) \$1,450/\$725 = (5 mos) \$1,970/\$985 =	+ \$205		115/215 116/216 117/217 118/218 128/228
7. Enter any previous extension fee paid since above original due date and subtract			- \$0		
8.			Extension Fee	+ \$205	
9. If Terminal Disclaimer attached, add Rule 20(d) official fee			+ \$110/\$55	+ \$0	148/248
10. If IDS attached requires Official Fee under Rule 97 (c), add			+ \$180	+ \$0	126
or if Rule 97(d) Request add			+ \$180		126
11. After-Final Request Fee per rules 129(a) and 17(r)			+ \$750/370	+ \$0	146/246
12. No. of additional inventions for examination per Rule 129(b)			x \$750/375 ea	+ \$0	149/249
13. Request for Continued Examination (RCE)			+ \$750/375	+ \$0	1179/1279
14. Petition fee for				+ \$0	
15.			TOTAL FEE =	\$205	
16. *If the entry in this space is less than entry in next space, the "Present Extra" result is "0".					
17. **If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.					
18. ***If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.					
			PLEASE CHARGE OUR DEP. ACCT		

Our Deposit Account No. 03-3975)

(Our Order No. 068800 0277860

C#

M#

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT **does not authorize** charge of the **issue fee** until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Winthrop LLP

Intellectual Property Group

By Atty: Thomas A. Cawley, Jr.

Reg. No. 40944

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NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments



Reply/Amendment
U.S. Serial No.: 09/673,139
Attorney Docket: 068800-0277860

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TECHNOLOGY CENTER R3700

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of

REVELL et al.

Group Art Unit: 3732

Appln. No. 09/673,139

Examiner: E. Robert

Filed: October 11, 2000

Title: BONE IMPLANT

* * * *

April 14, 2003

REPLY PURSUANT TO 37 C.F.R. §1.111

Hon. Commissioner of Patents
Washington, DC 20231

Sir:

In response to the communication dated January 23, 2003, the applicants resubmit their prior response filed October 30, 2002.

I. AMENDMENT

IN THE CLAIMS

Kindly amend claims 6-14, 20 and 21 as follows:

- Handwritten:* Sybdt
6. (Amended) The bone implant as claimed in any one of the preceding claims wherein the ions are present at a level of between 1×10^{10} and 1×10^{18} ions per cm^2 of the surface.
 7. (Amended) The bone implant as claimed in any one of the preceding claims, wherein the ions are selected from one or more groups of the periodic table consisting of groups IIA, IVB, VIB, VIIB, VIII, IB, IIB, IVA AND VIIA.
 8. (Amended) The bone implant as claimed in claim 7, wherein the ions comprise one or more of the following: